

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	((light adj emitt\$3) and (GaN gallium adj nitride) and (In indium) adj dop\$3 and (superlattice super adj lattice)). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/27 15:03
S1	5583	@ad<"20030625" and 257/11, 79-103.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 09:20
S2	17	@ad<"20030625" and 257/11. ccls. and 257/79-103.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:11
S3	1	("6274399").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/28 11:56
S4	9	@ad<"20030625" and 257/11. ccls. and 257/79-103.ccls. and Indium	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:46
S5	8	@ad<"20030625" and 257/11. ccls. and 257/79-103.ccls. and Indium and buffer and contact	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:47
S6	4	@ad<"20030625" and 257/11. ccls. and 257/79-103.ccls. and Indium same buffer	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 15:36
S7	1	("5383099").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/29 15:36
S8	133	@ad<"20030625" and 257/11, 79-103.ccls. and ("In.sub.x" adj "Ga.sub.1-x" adj N)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 09:23
S9	0	@ad<"20030625" and 257/11, 79-103.ccls. and ("In.sub.(x or a)" adj "Ga.sub.1-(x or a)" adj N)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 09:24
S10	143	@ad<"20030625" and 257/11, 79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub. a" adj "Ga.sub.1-a" adj N))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 09:38
S11	151	@ad<"20030625" and 257/11, 79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub. a" adj "Ga.sub.1-a" adj N) ("In. sub.y" adj "Ga.sub.1-y" adj N))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 09:38
S12	153	@ad<"20030625" and 257/11, 79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub. a" adj "Ga.sub.1-a" adj N) ("In. sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 17:13

## EAST Search History

S13	29	("20020053676"   "5294833"   "5351255"   "5366927"   "5393993"   "5409859"   "5523589"   "5585648"   "5661074"   "5670798"   "5679152"   "5679965"   "5684309"   "5777350"   "5818072"   "5874747"   "6046464"   "6133589"   "6150672"   "6153010"   "6153894"   "6156581"   "6201262"   "6238945"   "6337493"   "6459100"   "6664560"   "6717185"   "6734033").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 10:59
S14	453	((Si silicon) with (In indium) with dop\$3 with (GaN (gallium adj nitride)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 11:08
S15	153	@ad<"20030625" and 257/11, 79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub. a" adj "Ga.sub.1-a" adj N) ("In. sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 11:03
S16	21	S14 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 14:41
S17	3	((Si silicon) with (In indium) with codop\$3 with (GaN (gallium adj nitride)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 11:18
S18	36	((In indium) adj dop\$3 with (GaN (gallium adj nitride)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 09:19
S19	4	((In indium) adj dop\$3 with (GaN (gallium adj nitride))) and "super lattice"	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 14:17
S25	15	@ad<"20030625" and 257/11, 79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub. a" adj "Ga.sub.1-a" adj N) ("In. sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and "super lattice"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 13:58
S26	51	@ad<"20030625" and 257/11, 79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub. a" adj "Ga.sub.1-a" adj N) ("In. sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and ("super lattice" or superlattice)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 07:35

## EAST Search History

S27	49	@ad<"20030625" and 257/11, 79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and ("super lattice" or superlattice) and contact	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 16:52
S28	132	@ad<"20030625" and 257/11, 79-103.ccls. and ("super lattice" or superlattice) same (contact adj layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 16:53
S29	51	@ad<"20030625" and 257/11, 79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and ("super lattice" or superlattice)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 10:55
S30	51	@ad<"20030625" and 257/11, 79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) with (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and ("super lattice" or superlattice)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 09:44
S31	31	("4313125"   "5173751"   "5247533"   "5338944"   "5387804"   "5408120"   "5523589"   "5585648"   "5592501"   "5631190"   "5661074"   "5670798"   "5739554"   "5747832"   "5751752"   "5862167"   "5874747"   "5880491"   "5900647"   "5987048"   "6028877"   "6046464"   "6057049"   "6067310"   "6072189"   "6078064"   "6084899"   "6118801"   "6153894"   "6657234"   "RE36747").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 07:41

## EAST Search History

S32	29	@ad<"20030625" and 257/10-39.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) with (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and ("super lattice" or superlattice)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 09:44
S33	11	@ad<"20030625" and 257/10-39,79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) same ("super lattice" or superlattice) same "buffer"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 13:14
S34	11	@ad<"20030625" and 257/10-39,79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) same ("super lattice" or superlattice) same "buffer"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 11:09
S35	5	@ad<"20030625" and 257/10-39,79-103.ccls. and "Indium Gallium nitride" same ("super lattice" or superlattice) same "buffer"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 13:13
S38	0	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) with codoped)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 11:02
S39	0	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) with "2"\$dop\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:33
S40	2806	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:33
S41	1116	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) same dop\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:33

## EAST Search History

S42	846	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) with dop\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:34
S43	354	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) with dop\$3) and LED	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:34
S44	110	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) with dop\$3) and LED and ("super lattice" superlattice)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:35
S45	176	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) with dop\$3) same (GaN "gallium nitride")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:50
S46	37	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) with dop\$3) same (GaN "gallium nitride") and LED and ("super lattice" superlattice)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:36
S47	0	"10517819"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:42
S48	1	"10/517819"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:42
S49	31	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) with dop\$3 with contact) same (GaN "gallium nitride")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 12:51
S50	0	@ad<"20030625" and 257/10-39,79-103.ccls. and ((Si silicon) with (In indium) adj dop\$3 with contact) same (GaN "gallium nitride")	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 13:00
S51	25	@ad<"20030625" and 257/10-39,79-103.ccls. and ((In indium) adj dop\$3) same (GaN "gallium nitride")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 13:06
S52	63	@ad<"20030625" and 257/10-39,79-103.ccls. and Koike	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 13:06
S53	292	@ad<"20030625" and 257/10-39,79-103.ccls. and ("super lattice" or superlattice) with buffer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 13:18

## EAST Search History

S55	12	@ad<"20030625" and 257/10-39,79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N))and ("super lattice" or superlattice) with buffer with (GaN "gallium nitride")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 14:58
S56	32	@ad<"20030625" and 257/10-39,79-103.ccls. and ("super lattice" or superlattice) with buffer with (GaN "gallium nitride")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 13:18
S57	2	@ad<"20030625" and 257/10-39,79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and ((Indium In) adj dop\$3) with (GaN "gallium nitride")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 08:17
S58	9	@ad<"20030625" and 257/10-39,79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) and ((Indium In) adj dop\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 08:26
S59	0	@ad<"20030625" and 257/10-39,79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N) ("In.sub.w" adj "Ga.sub.1-w" adj N)) same ((Indium In) adj dop\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 11:54
S60	30	@ad<"20030625" and 257/10-39,79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N) ("In.sub.w" adj "Ga.sub.1-w" adj N)) same ((Indium In) with dop\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 08:51

## EAST Search History

S61	0	@ad<"20030625" and 257/10-39,79-103.ccls. and ("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N) ("In.sub.w" adj "Ga.sub.1-w" adj N)) and "spiral mode"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 08:52
S62	0	@ad<"20030625" and 257/10-39,79-103.ccls. and "spiral mode"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 08:53
S63	130	@ad<"20030625" and "spiral mode"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 08:53
S64	0	@ad<"20030625" and "257". clas. and "spiral mode"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 08:53
S65	87	@ad<"20030625" and 257/10-39,79-103.ccls. and ("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N) ("In.sub.w" adj "Ga.sub.1-w" adj N)) with active	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 11:58
S66	51	@ad<"20030625" and 257/10-39,79-103.ccls. and ("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N) ("In.sub.w" adj "Ga.sub.1-w" adj N)) with active and barrier and "quantum well"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 12:20
S67	5	("20030047744"   "5889806"   "6249534"   "6252894"   "6597716").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 12:15
S68	51	@ad<"20030625" and 257/10-39,79-103.ccls. and ("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N) ("In.sub.w" adj "Ga.sub.1-w" adj N) ("In.sub.b" adj "Ga.sub.1-b" adj N) ("In.sub.c" adj "Ga.sub.1-c" adj N) ("In.sub.d" adj "Ga.sub.1-d" adj N)) with active and barrier and "quantum well"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 16:19

## EAST Search History

S69	213	@ad<"20030625" and 257/18. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 16:19
S70	15	@ad<"20030625" and 257/18. ccls. and InGaN	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 16:19
S71	721	(mqw ((multi multiple) adj "quantum well")) near4 (ingan gainn)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 10:42
S72	512	S71 and @ad<"20030625"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 10:42
S73	262	S72 and (well barrier) adj layer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 10:42
S74	654	(mqw ((multi multiple) adj "quantum well")) near3 (ingan gainn)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 12:33
S75	467	S74 and @ad<"20030625"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 10:42
S76	231	S75 and (well barrier) adj layer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 10:43
S77	100	S75 and ((ingan gainn) near3 ((well barrier) adj layer))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 10:44
S78	0	("6838705").URPN.	USPAT	OR	ON	2005/12/06 11:16
S79	7	("5146465"   "5656832"   "5679965"   "5932896"   "5959307"   "6172382"   "6337493").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 11:16
S80	654	(mqw ((multi multiple) adj "quantum well")) near3 (ingan gainn)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 13:34
S81	467	S80 and @ad<"20030625"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 12:33
S82	100	S81 and ((ingan gainn) near3 ((well barrier) adj layer))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 12:33
S83	4	S82 and (mqw ((multi multiple) adj "quantum well")) with (("3" three third) adj layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 12:41
S84	15	S82 and ((mqw ((multi multiple) adj "quantum well")) active) with (("3" three third) adj layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 13:28
S85	11913	"quantum well"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 13:39



## EAST Search History

S86	654	(mqw ((multi multiple) adj "quantum well"))) near3 (ingan gainn)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 13:39
S87	467	S86 and @ad<"20030625"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 13:39
S88	100	S87 and ((ingan gainn) near3 ((well barrier) adj layer))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 13:39
S89	3	S88 and ((mqw ((multi multiple) adj "quantum well"))) active) near10 (intermediate adj layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 13:40
S90	5	@ad<"20030625" and 257/10-39,79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) with ("In.sub.y" adj "Ga.sub.1-y" adj N)) same ("super lattice" or superlattice)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 15:43
S91	14	@ad<"20030625" and 257/10-39,79-103.ccls. and (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.y" adj "Ga.sub.1-y" adj N)) with GaN same ("super lattice" or superlattice)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 15:45
S92	42	@ad<"20030625" and 257/10-39,79-103.ccls. and (ingan gainn) adj GaN same ("super lattice" or superlattice)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 15:46
S93	33	@ad<"20030625" and 257/10-39,79-103.ccls. and (ingan gainn) adj GaN same buffer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 15:46
S94	18	@ad<"20030625" and 257/10-39,79-103.ccls. and (ingan gainn) adj GaN with buffer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 15:51
S95	371	@ad<"20030625" and 257/10-39,79-103.ccls. and ("super lattice" or superlattice) same buffer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 15:52
S96	292	@ad<"20030625" and 257/10-39,79-103.ccls. and ("super lattice" or superlattice) with buffer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 15:52
S97	107	@ad<"20030625" and 257/10-39,79-103.ccls. and ("super lattice" or superlattice) near3 buffer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 16:16
S98	86	@ad<"20030625" and 257/10-39,79-103.ccls. and ("super lattice" or superlattice) near2 buffer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 15:53

## EAST Search History

S99	7	@ad<"20030625" and 257/10-39,79-103.ccls. and ("super lattice" or superlattice) near3 buffer with GaN	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 09:58
S100	1	("6266355").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/07 09:58
S101	4	("6266355").URPN.	USPAT	OR	ON	2005/12/07 09:58
S102	139	@ad<"20030625" and (light adj emitt\$3) and ((Si silicon) near2 dop\$3 same (In indium) near2 dop\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 11:24
S103	215	@ad<"20030625" and (light adj emitt\$3) and ((Si silicon) near2 dop\$3) and (In indium) adj dop\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 11:25
S104	39	@ad<"20030625" and (light adj emitt\$3) and ((Si silicon) near2 dop\$3) and (In indium) adj dop\$3 and (superlattice super adj lattice)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/27 15:02
S105	6	@ad<"20030625" and (light adj emitt\$3) and ((Si silicon) near2 dop\$3) and (In indium) adj dop\$3 with (GaN gallium adj nitride)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 11:27
S106	175	@ad<"20030625" and ((Si silicon) with (indium) with dop\$3) and (GaN "gallium nitride")	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 13:03
S107	99	@ad<"20030625" and ((Si silicon) with (indium) with dop\$3) same (GaN "gallium nitride")	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 17:13
S108	43	@ad<"20030625" and (electrode contact) adj layer with (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 17:16
S109	11	@ad<"20030625" and (electrode contact) adj layer with (("In.sub.x" adj "Ga.sub.1-x" adj N) or ("In.sub.a" adj "Ga.sub.1-a" adj N) ("In.sub.y" adj "Ga.sub.1-y" adj N) ("In.sub.z" adj "Ga.sub.1-z" adj N)) same (superlattice super adj lattice)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 17:17